

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/527,707
				Filing Date	March 11, 2005
				First Named Inventor	Ravi Acharya
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	30699/41065

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/RK/	B1	WO-91/11172	08-08-1991	Stella et al.		
/RK/	B2	WO-94/02518	02-03-1994	Stella et al.		
/RK/	B3	WO-98/55148	12-10-1998	Vadecruys et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
/RK/	C26	Abrahams et al., Acta Crystallogr. D. Biol. Crystallogr., 52:30-42 (1996)				
	C27	Altschul et al., J. Mol. Biol., 215:403-410 (1990)				
	C28	Bartlett et al., Royal Chem. Soc., 78:182-196 (1989)				
	C29	Berge et al., J. Pharm. Sci., 66(1):1-19 (1977)				
	C30	Bohm, J. Comput. Aided Mol. Des., 6:61-78 (1992)				
	C31	Brenner et al., Physiol. Rev., 70(3):665-699 (1990)				
	C32	Brunger, Nature, 355:472-475 (1992)				
	C33	Brunger et al., Acta Crystallogr. D. Biol. Crystallogr., 54:905-921 (1998)				
	C34	Bunning et al., Biochemistry, 22:110-116 (1983)				
	C35	Chubb et al., Biochem. Biophys. Res. Commun., 297:1225-1230 (2002)				
	C36	Cohen et al., J. Med. Chem., 33(3):883-894 (1990)				
	C37	Collaborative Computational Project, Number 4, Acta Crystallogr. D. Biol. Crystallogr., 50:760-763 (1994)				
	C38	Corvol et al., Methods Enzymol., 248:283-305 (1995)				
	C39	Couvineau et al., Biochemistry, 35:1745-1752 (1996)				
	C40	Cushman et al., Biochemistry, 16(25):5484-5491 (1977)				
	C41	de La Fortelle et al., Methods Enzymol., 276:472-494 (1997)				
	C42	Ehlers et al., Biochem. Biophys. Res. Commun., 183(1):199-205 (1992)				
	C43	Ehlers et al., Biochemistry, 35:9549-9559 (1996)				
	C44	Exner et al., N. Engl. J. Med., 344(18):1351-1357 (2001)				
	C45	Goodford, J. Med. Chem., 28:849-857 (1985)				
	C46	Goodsell et al., Proteins, 8:195-202 (1990)				
	C47	Hooper, FEBS Lett., 354:1-6 (1994)				
	C48	Horwell, Trends Biotechnol., 13:132-134 (1995)				
	C49	Jeunemaitre et al., Nat. Genet., 1:72-75 (1992)				
/RK/	C50	Jones et al., Acta Crystallogr. A, 47:110-119 (1991)				
Examiner Signature					Date Considered	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

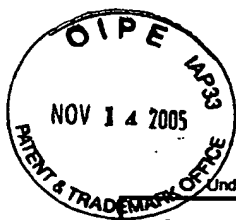
Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/527,707
				Filing Date	March 11, 2005
				First Named Inventor	Ravi Acharya
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	30699/41065

/RK/	C51	Kasturi et al., Biochemistry, 33:6228-6234 (1994)	
	C52	Kobata, Anal. Biochem., 100:1-14 (1979)	
	C53	Kornfeld et al., Annu. Rev. Biochem., 54:631-664 (1985)	
	C54	Kraulis, J. Appl. Crystallogr., 24:946-950 (1991)	
	C55	Krege et al., Nature, 375:146-148 (1995)	
	C56	Kroll et al., DNA Cell Biol., 12(5):441-453 (1993)	
	C57	Kuraya et al., J. Biochem. (Tokyo), 112(1):122-126 (1992)	
	C58	Marshall et al., Trends Pharmacol. Sci., 9:285-289 (1988)	
	C59	Martin, J. Med. Chem., 35(12):2145-2154 (1992)	
	C60	Mattei et al., Cytogenet. Cell Genet., 51:1041 (1989)	
	C61	Meng et al., J. Comp. Chem., 13(4):505-524 (1992)	
	C62	Merritt et al., Methods Enzymol., 277:505-524 (1997)	
	C63	Miranker et al., Proteins, 11:29-34 (1991)	
	C64	Misago et al., Biochem. Biophys. Res. Commun., 269:219-225 (2000)	
	C65	Nat. Biotechnol., 14:556 (1996)	
	C66	Navia et al., Curr. Opin. Struct. Biol., 2:202-210 (1992)	
	C67	Nishibata et al., Tetrahedron, 47(43):8985-8990 (1991)	
	C68	Otwinowski et al., Methods Enzymol., 276:307-326 (1997)	
	C69	Porath, Protein Expr. Purif., 3:263-281 (1992)	
	C70	Rawlings et al., Methods Enzymol., 248:183-228 (1995)	
	C71	Roberge et al., Science, 269:202-204 (1995)	
	C72	Schwager et al., Biochemistry, 37:15449-15456 (1998)	
	C73	Schwager et al., Biochemistry, 38:10388-10397 (1999)	
	C74	Schwager et al., Biochemistry, 40:15624-15630 (2001)	
	C75	Shapiro et al., Biochemistry, 22:3850-3857 (1983)	
	C76	Sturrock et al., Biochemistry, 35:9560-9566 (1996)	
	C77	Tatusova et al., FEMS Microbiol. Lett., 174:247-250 (1999)	
	C78	Tatusova et al., FEMS Microbiol. Lett., 177:187-188 (1999)	
	C79	Thomberry et al., Methods Enzymol., 322:100-110 (2000)	
	C80	Ukeda et al., Journal of Japan Society for Bioscience, Biotechnology, and Agrochemistry, 66(1):25-29 (1992)	
✓	C81	Waller et al., J. Med. Chem., 36:2390-2403 (1993)	
	C82	Wolff et al., Nat. Biotechnol., 16:421-422 (1998)	
/RK/	C83	Zhou et al., Biochemistry, 39:6514-6520 (2000)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Robert Kunemund/	Date Considered	01/07/2008
--------------------	-------------------	-----------------	------------



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/527,707
				Filing Date	March 11, 2005
				First Named Inventor	Ravi Acharya
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	30699/41065

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/RK/	A1*	US-3,832,337	08-27-1974	Ondetti et al.	
/RK/	A2*	US-3,891,616	06-24-1975	Ondetti	
/RK/	A3*	US-3,947,575	03-30-1976	Ondetti	
/RK/	A4*	US-4,052,511	10-04-1977	Cushman et al.	
/RK/	A5*	US-4,053,651	10-11-1977	Ondetti et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
/RK/	C1	Aghajari et al., Protein Sci., 11:1435-1441 (2002)		
	C2	Beldent et al., J. Biol. Chem., 268(35):26428-26434 (1993)		
	C3	Brown et al., Clin. Pharmacol. Ther., 60(1):8-13 (1996)		
	C4	Davis et al., J. Biol. Chem., 270(1):369-375 (1995)		
	C5	Devereux et al., Nucleic Acids Res., 12(1):387-395 (1984)		
	C6	Ehlers et al., Proc. Natl. Acad. Sci. USA, 86:7741-7745 (1989)		
	C7	Ehlers et al., Proc. Natl. Acad. Sci. USA, 88:1009-1013 (1991)		
	C8	Esther et al., J. Clin. Invest., 99:2375-2385 (1997)		
	C9	Hagaman et al., Proc. Natl. Acad. Sci. USA, 95:2552-2557 (1998)		
	C10	Holm et al., Nucleic Acids Res., 27(1):244-247 (1999)		
	C11	Howard et al., Mol. Cell Biol., 10(8):4294-4302 (1990)		
	C12	Huang et al., Proc. Natl. Acad. Sci. USA, 98(23):13330-13334 (2001)		
	C13	Junot et al., J. Pharmacol. Exp. Ther., 297(2):606-611 (2001)		
	C14	Kasturi et al., J. Biol. Chem., 270(24):14756-14761 (1995)		
	C15	Kumar et al., J. Biol. Chem., 264(28):16754-16758 (1989)		
	C16	Liu et al., J. Biol. Chem., 276(36):33518-33525 (2001)		
	C17	Nachon et al., Eur. J. Biochem., 269:630-637 (2002)		
	C18	Ramaraj et al., J. Clin. Invest., 102(2):371-378 (1998)		
	C19	Sadhukhan et al., J. Biol. Chem., 271(11):6429-6434 (1996)		
	C20	Simon et al., Proc. Natl. Acad. Sci. USA, 89:9367-9371 (1992)		
	C21	Trimble et al., J. Biol. Chem., 266(3):1646-1651 (1991)		
	C22	Wei et al., J. Biol. Chem., 266(14):9002-9008 (1991)		
/RK/	C23	Wheeler et al., Glycobiology, 12(4):261-271 (2002)		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/527,707
				Filing Date	March 11, 2005
				First Named Inventor	Ravi Acharya
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	30699/41065

/RK/	C24	Williams et al., J. Biol. Chem., 269(47):29430-29434 (1994)	
/RK/	C25	Yu et al., J. Biol. Chem., 272(6):3511-3519 (1997)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Robert Kunemund/	Date Considered	01/07/2008
-----------------------	-------------------	--------------------	------------